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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tyler J. Gomm et al.

Examiner: Cox, Cassandra

Patent No.: 7,212,057

Group Art Unit: 2816

Issue Date: May 1, 2007

Docket No: 303.816US2

Title: MEASURE-CONTROLLED CIRCUIT WITH FREQUENCY CONTROL

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

ATTN: DECISION AND CERTIFICATE OF CORRECTION BRANCH

Certificate
JUN 20 2007
of Correction

We are transmitting herewith the attached:

- ☒ Request for Reconsideration (1 page).
- ☒ Copy of Page 3 from Application as Filed (1 page).
- ☒ Copy of Examiner's Response to Certificate of Correction Request (1 page).
- ☒ Certificate of Correction Form - PTO-1050 (in duplicate)
- ☒ A return postcard.

Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer No: 21186

By: 

Name: Viet V. Tong

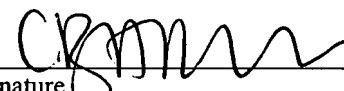
Reg. No. 45,416

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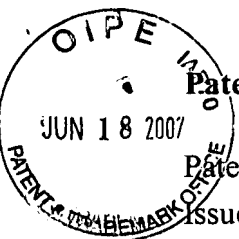


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Signature

Certificate
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of Correction



Patent 7,212,057

PATENT

IN UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,212,057

Docket No: 303.816US2

Issue Date: May 1, 2007

Patentee: Tyler J. Gomm et al.

Customer No.: 21186

Confirmation No.: 3437

Title MEASURE-CONTROLLED CIRCUIT WITH FREQUENCY CONTROL

REQUEST FOR RECONSIDERATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: Decisions and Certificate of Correction Branch

In response to the rejection of the request for the Certificate of Correction as stated by the Examiner, Ernest C. White (copy enclosed), it is requested the Certificate of Correction filed on May 21, 2007 be reconsidered and issued correcting printing errors appearing in the above-identified United States patent. Enclosed is page 3 of the Application as filed. For the correct information please see line 24 of page 3 of the Application. Two copies of the text of the Certificate of Correction in the suggested form are enclosed.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

As the error is that of the Patent Office, it is believed that no fee is due.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No.19-0743.

Respectfully Submitted
TYLER J. GOMM ET AL.
By their Representatives,
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6900

Date: June 14, 2007

By: 

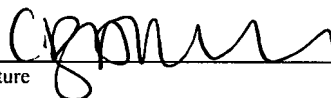
Viet V. Tong
Reg. No: 45,416
VVT/cmb

CERTIFICATE UNDER 37 CFR § 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on this 14 day of June 2007

Name

CHRIS BARTV

Signature



COPY

Description of embodiments

The following description and the drawings illustrate specific embodiments of the invention sufficiently to enable those skilled in the art to practice it. Other embodiments may incorporate structural, logical, electrical, process, and other changes.

- 5 Examples merely typify possible variations. Portions and features of some embodiments may be included in or substituted for those of others. The scope of the invention encompasses the full ambit of the claims and all available equivalents.

Figure 1 shows a delay locked circuit according to an embodiment of the invention. Delay locked circuit 100 includes an external node 102 for receiving an
10 external signal XCLK and an internal node 104 for outputting an internal signal INTCLK. The XCLK signal propagates on two paths, a measuring path 106 and an output path 108. Measuring path 106 has a measuring unit 110 for periodically performing a measurement to measure a timing of the XCLK signal. Output path 108 has an adjusting unit 112 for periodically adjusting a delay of output path 108 based on
15 the measurement.

Measuring unit 110 includes a delay model circuit 114 and a converter 116. During each measurement, delay model circuit 114 delays a signal by an amount of time T_{DL} . Converter 116 converts a reference time T_{REF} into a measured delay. T_{REF} is a measurement of time, whereas the measured delay is a quantity other than time but
20 depending on T_{REF} .

Delay model circuit 114 is modeled after a combination of an input buffer 118 and an output buffer 120 so that a time delay of delay model circuit 114, T_{DL} , equals the sum of a time delay of input buffer 118, T_{IN} , and a time delay of output buffer 120, T_{OUT} , ($T_{DL} = T_{IN} + T_{OUT}$).

- 25 The XCLK signal has a cycle time T_{CK} . The sum of T_{DL} and T_{REF} equals one or more cycle times of the XCLK signal. $MT_{CK} = T_{DL} + T_{REF}$ or $T_{REF} = MT_{CK} - T_{DL}$, where M is an integer equal to or greater than one.

COPY



UNITED STATES DEPARTMENT OF COMMERCE
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Date : 6/7/2007
Patent No. : 7,212,057 B2
Inventor(s) : gomm et al.
Issue Date : May 1, 2007
Title : **MEASURE-CONTROLLED CIRCUIT WITH FREQUENCY CONTROL**
Doc./File No. : 303.816US2

Re: Certificate of Correction

Consideration has been given your request for a certificate of correction, for the above-identified patent under the provisions of Rule 1.322 and 1.323.

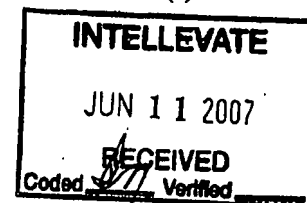
Respecting the alleged error(s) in column 2, line 46, comparison of the printed patent with the corresponding location in the application file reveals that there is no discrepancy.

Further consideration will be given concerning this matter upon receipt of a request for **Reconsideration** (reconsideration should be accompanied by supporting document(s) such as, amendment, postcard receipt, 1449/892, etc.) and should be filed and directed to Decisions & Certificates of Correction Branch, a fee of \$100 is charged for a mistake(s) made by the attorney/applicant.

Ernest C. White, *LIE* (703) 308-9390 ext.#122
Cecelia B. Newman, *Supervisor* (703) 308-9390 ext. #101
Decisions & Certificates of Correction Branch

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ecw



Schwegman Lundberg
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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,212,057

Page (1) of 1

DATED : May 1, 2007

INVENTOR(S) : Gomm et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 2, line 46, delete " $(T_{DL}-T_{IN}+T_{OUT})$ " and insert -- $(T_{DL}=T_{IN}+T_{OUT})$ --, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.
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Minneapolis, MN 55402

Atty Docket No: 303.816US2

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